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| U.S. Department Of Commerce, Patent And Trademark Office   |  | Date: <u>14</u> July 2006 ( <u>14</u> .07.2006)        |
| Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371 |  | U.S. Application No.:<br>(if known): Not Yet Assigned  |
| International Application No.:<br>PCT/IL2005/000043  | International Filing Date:<br>13 January 2005 (13.01.2005) | Priority Date Claimed:<br>15 January 2004 (15.01.2004) |
| Title of Invention: <b>SPHINGOMYELIN, INTERMEDIATES THEREOF AND METHODS FOR PREPARATION OF SAME</b>                  |  |  |
| Applicants for DO/EO/US: ROCHLIN, Elimelech, HILDESHEIM, Jean, BERLIN, Alisa   |  |  |

APPLICANT HEREBY SUBMITS TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) THE FOLLOWING ITEMS AND OTHER INFORMATION:

1. ☒ THIS IS A FIRST SUBMISSION OF ITEMS CONCERNING A FILING UNDER 35 U.S.C. 371.
2. ☐ THIS IS A SECOND OR SUBSEQUENT SUBMISSION OF ITEMS CONCERNING A FILING UNDER 35 U.S.C. 371.
3. ☒ THIS IS AN EXPRESS REQUEST TO BEGIN NATIONAL EXAMINATION PROCEDURES (35 USC 371(F)). THE SUBMISSION MUST INCLUDE ITEMS (5), (6), (9) AND (21) INDICATED BELOW.
4. ☒ THE US HAS BEEN ELECTED (ARTICLE 31).
5. ☒ A COPY OF THE INTERNATIONAL APPLICATION AS FILED (35 U.S.C. 371(C)(2)):
  - A. ☒ IS TRANSMITTED HERewith (REQUIRED ONLY IF NOT TRANSMITTED BY THE INTERNATIONAL BUREAU).
  - B. ☐ HAS BEEN COMMUNICATED BY THE INTERNATIONAL BUREAU.
  - C. ☐ IS NOT REQUIRED, AS THE APPLICATION WAS FILED IN THE UNITED STATES RECEIVING OFFICE (RO/US)
6. ☐ A ENGLISH TRANSLATION OF THE INTERNATIONAL APPLICATION AS FILED (35 U.S.C. 371(C)(2).
7. ☒ AMENDMENTS TO THE CLAIMS OF THE INTERNATIONAL APPLICATION UNDER PCT ARTICLE 19 (35 U.S.C. 371(C)(3))
  - A. ☐ ARE ATTACHED HERETO (REQUIRED ONLY IF NOT TRANSMITTED BY THE INTERNATIONAL BUREAU).
  - B. ☐ HAVE BEEN COMMUNICATED BY THE INTERNATIONAL BUREAU.
  - C. ☐ HAVE NOT BEEN MADE; HOWEVER, THE TIME LIMIT FOR MAKING SUCH AMENDMENTS HAS NOT EXPIRED.
  - D. ☒ HAVE NOT BEEN MADE AND WILL NOT BE MADE.
8. ☐ AN ENGLISH LANGUAGE TRANSLATION OF THE AMENDMENTS TO THE CLAIMS UNDER PCT ARTICLE 19 (35 U.S.C. 371(C)(3)).
9. ☐ AN OATH OR DECLARATION OF THE INVENTOR(S) (35 U.S.C. 371(C)(4)).
10. ☐ A TRANSLATION OF THE ANNEXES TO THE INTERNATIONAL PRELIMINARY EXAMINATION REPORT UNDER PCT ARTICLE 36 (35 U.S.C. 371(C)(5)).

**ITEMS 11 TO 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:**

11. ☐ AN INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 AND 1.98.
12. ☐ AN ASSIGNMENT DOCUMENT FOR RECORDING. A SEPARATE COVER SHEET IN COMPLIANCE WITH 37 CFR 3.28 AND 3.31 IS INCLUDED;
13. ☒ A FIRST PRELIMINARY AMENDMENT.
14. ☐ A SECOND OR SUBSEQUENT PRELIMINARY AMENDMENT
15. ☐ A SUBSTITUTE SPECIFICATION.
16. ☐ A CHANGE OF POWER OF ATTORNEY AND/OR ADDRESS LETTER.
17. ☐ A COMPUTER-READABLE FORM OF THE SEQUENCE LISTING IN ACCORDANCE WITH PCT RULE 13TER2 AND 35 USC 1821 - 1825
18. ☐ A SECOND COPY OF THE PUBLISHED INTERNATIONAL APPLICATION UNDER 35 USC 154(D)(4)
19. ☐ A SECOND COPY OF THE ENGLISH LANGUAGE TRANSLATION OF THE INTERNATIONAL APPLICATION UNDER 35 USC 154(D)(4)
20. ☒ OTHER ITEMS OR INFORMATION:  
TRANSMITTAL LETTER INTERNATIONAL PUBLICATION NUMBER: WO 2005/068480 A1; INTERNATIONAL PUBLICATION DATE: 28 JULY 2005 (28.07.2005), WITH INTERNATIONAL SEARCH REPORT, CONSISTING OF 34 PAGES: 1 PAGE FOR THE COVER SHEET, 22 PAGES OF TEXTUAL SPECIFICATION, 11 PAGES OF 56 CLAIMS, 0 SHEETS OF DRAWINGS; **PRELIMINARY AMENDMENT WITH ATTACHMENT A & B TO BE EXAMINED**; UNEXECUTED DECLARATION AND POWER OF ATTORNEY; FORM PCT/PEA/416 (NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY); FORM/PEA/409 (INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY) WITH AMENDED SHEET; POSTCARD FOR EARLY NOTIFICATION OF THE SERIAL NUMBER REQUEST.

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|--|--|---|------------------|--|---------|
| U.S. Application Number:<br>(if known) <b>10/586056</b><br>Assigned  |  | International Application No.:<br>PCT/IL2005/000043 |                  | Date: <b>14</b> July 2006 ( <b>14</b> .07.2006)  |         |
| <p>The following fees are submitted:</p> <p>21. Basic National Fee (37 CFR 1.492(a))..... \$ 300.00</p> <p>22. Examination Fee (37 CFR 1.492 (c))<br/>         If the written opinion prepared by ISA/US or the International Preliminary Examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....\$ 0.00<br/>         All other situations ..... \$ 200.00</p> <p>23. Search Fee (37 CFR 1.492(b))<br/>         If the written opinion of the ISA/US or the International Preliminary Examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$ 0.00<br/>         Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$ 100.00<br/>         International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB .....\$ 400.00<br/>         All other situations ..... \$ 500.00</p> <p>____ Additional fee for specification and drawings filed in paper over 100 sheets (excluding Sequence listing or computer program listing filed in an electronic medium). The fee is \$ 250.00 for each additional 50 sheets of paper or fraction thereof.</p> <p style="text-align: center;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></p> |  |   |                  | <p><b>CALCULATIONS</b></p> <p>\$ 300.00</p> <p>\$ 200.00</p> <p>\$ 400.00</p> <p>\$ 900.00</p> |         |
| <p>Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>   |  |   |                  | <p>\$ 0.00</p>   |         |
| CLAIMS   |  | NUMBER:<br>FILED                                    | NUMBER:<br>EXTRA | RATE   |         |
| TOTAL  |  | 48-20=  | 28               | X \$ 50.00   |         |
| INDEPENDENT  |  | 2-3=  | 0                | X \$ 200.00  |         |
| Multiple dependent claims(s) (if applicable)   |  |   | + \$360.00       |  | \$ 0.00 |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |  |   |                  | <b>\$ 900.00</b>   |         |
| Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).   |  |   |                  | \$ 450.00  |         |
| <b>SUBTOTAL =</b>  |  |   |                  | <b>\$ 1,150.00</b>   |         |
| Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +   |  |   |                  | \$ 0.00  |         |
| <b>TOTAL NATIONAL FEE =</b>  |  |   |                  | <b>\$ 1,150.00</b>   |         |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |  |   |                  | \$ 0.00  |         |
| <b>TOTAL FEES ENCLOSED =</b>   |  |   |                  | <b>\$ 1,150.00</b>   |         |
|  |  |   |                  | Amount to be: refunded charged   |         |
|  |  |   |                  | \$ \$  |         |

Attorney Docket: 27526U

MAIL STOP PCT

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|--|--|---|
| U.S. Application Number:<br>(if known): <b>10/586056</b> | International Application<br>Number: PCT/IL2005/000043 | Date: <u>14</u> July 2006 ( <u>14</u> .07.2006) |
|--|--|---|

- a. ☒ One check in the amount of \$ 1,150.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account Number: 14-0112 in the amount of \$ \_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)
- c. ☒ The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account Number: 14-0112.
- d. ☐ Fees are to be charged to a credit card ☐ WARNING: Information on this form may become public ☐ Credit Card Information should not be included on this form.  
☐ Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

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 Susanne M. Hopkins Re. No. 33,247  
 Customer No. 20529

## MAIL STOP PCT

Attorney Docket: 27526U

Date: July 14, 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ROCHLIN et al.

Serial No.: Not Yet Assigned

Filed: July 14, 2006

Internatl. Application No.: PCT/IL2005/000043

Internatl. Filing Date: 13 November 2005 (13.01.2005)

Title: **SPHINGOMYELIN, INTERMEDIATES THEREOF AND METHODS FOR  
PREPARATION OF SAME**TRANSMITTAL LETTERCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark  
Office is the following:

- 1 Transmittal Letter to U.S. Designated/Elected Office (DO/EO/US)  
Concerning Filing under 35 U.S.C. 371;
- 2 International Publication Number: WO 2005/068480 A1; International  
Publication Date: 28 July 2005 (28.07.2005), with International  
Search Report, consisting of 34 pages:
  - 1 page for the Cover Sheet,
  - 22 pages of Textual Specification,
  - 11 pages of 56 Claims,
  - 0 sheets of Drawings;
- 3 **Preliminary Amendment with Attachment A & B to be examined;**
- 4 Unexecuted Declaration and Power of Attorney;
- 5 Form PCT/PEA/416 (Notification of Transmittal of the International  
Preliminary Report On Patentability);
- 6 Form/PEA/409 (International Preliminary Report on Patentability)  
with Amended Sheet;
- 7 Check No.: 2462 in the Amount of \$ **1,150.00** for the Basic Filing  
Fee, which includes the Search and Examination Fees (\$450.00) 28 total  
claims in excess of 20 (\$700.00), as a Small Entity;
- 8 Postcard for Early Notification of the Serial Number Request.

Respectfully submitted,

NATH &amp; ASSOCIATES PLLC



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